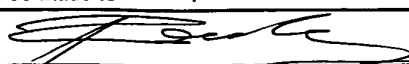


|  |  |  |
|--|--|--|
| FORM PTO-1390<br>(REV. 2-2005)   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br>11005-029-999  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | U.S. APPLICATION NO. (if known, see 37CFR 1.5)<br>To be assigned<br><b>10/530977</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/02089  | INTERNATIONAL FILING DATE<br>October 10, 2003              | PRIORITY DATE CLAIMED<br>October 10, 2002  |
| TITLE OF INVENTION<br>DIGITAL AUDIO AMPLIFIER INCLUDING PHASE LEAD-LAG COMPENSATOR FOR INCREASING SELF-OSCILLATION FREQUENCY   |  |  |
| APPLICANT(S) FOR DO/EO/US<br>Tae Ha RYOO and Byung Tak JANG  |  |  |
| Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:   |  |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input type="checkbox"/> The U.S. has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |  |  |
| <b>Items 11. to 20. below concern document(s) or information included:</b>   |  |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input type="checkbox"/> A preliminary amendment.<br>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input checked="" type="checkbox"/> A power of attorney by assignee.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821- 1.825.<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information: Notice Informing the Applicant of the Communication of the International App. to the Designated Offices  |  |  |

10/530977 11 APR 2005

|  |              |   |            |   |           |
|--|--------------|---|------------|---|-----------|
| US APPLICATION NO. (If known, see 37 CFR 1.53)<br>To be assigned   |              | INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/02089                                   |            | ATTORNEY'S DOCKET NUMBER<br>11005-029-999                           |           |
| 21. The following fees are submitted:<br><b>BASIC NATIONAL FEE:</b><br><input checked="" type="checkbox"/> a) Basic national fee ..... <b>\$300.00</b><br><input checked="" type="checkbox"/> b) Examination fee .....<br>Was the International Preliminary Examination Report prepared by the USPTO<br>and do all filed claims in this U.S. application satisfy provisions of PCT<br>Article 33(1)-(4) (i.e., novelty, inventive step and industrial capability)? .....<br><input type="checkbox"/> i) Yes (\$100.00) ..... <b>\$200.00</b><br><input checked="" type="checkbox"/> ii) No (\$200.00) .....<br><input checked="" type="checkbox"/> c) Search fee .....<br>Was the USPTO the International Searching Authority?.....<br><input type="checkbox"/> i) Yes (\$100.00).....<br>ii) If no:<br><input checked="" type="checkbox"/> (a) An International Search Report will be provided to the USPTO on<br>or before payment of the search fee. (\$400.00) .....<br><input type="checkbox"/> (b) No International Search Report will be provided to the USPTO.<br>(\$500.00) ..... <b>\$400.00</b><br><div style="text-align: right;"><b>TOTAL OF CALCULATIONS =</b></div> |              |   |            | <div style="border: 1px solid black; padding: 2px;">\$ 900.00</div> |           |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding<br>sequence listing of computer programs listing filed in electronic medium). The fee is \$250 for<br>each additional 50 sheets of paper or fraction thereof.   |              |   |            |   |           |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction<br>thereof (round up to a whole number).   | RATE       |   |           |
| 21 -100  | 0 /50        |   | x 250.00   | \$0.00  |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest<br>claimed priority date (37 CFR 1.492 (e)).   |              |   |            | \$ 0.00   |           |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE X     |   |           |
| Total Claims   | 8 - 20       | 0   | x \$50.00  | \$0.00  |           |
| Independent Claims   | 1 - 3        | 0   | x \$200.00 | =   | \$0.00    |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + 360.00   | \$0.00  |           |
| <b>TOTAL OF ABOVE CALCULATIONS=</b>  |              |   |            | =   | \$ 900.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced<br>by 50%  |              |   |            | -   | \$ 450.00 |
| <b>SUBTOTAL =</b>  |              |   |            | =   | \$ 450.00 |
| Surcharge of \$130.00 for furnishing the English Translation later than 30 months from the earliest<br>claimed priority date (37 CFR 1.492(f)).  |              |   |            | \$0.00  |           |
| <b>TOTAL NATIONAL FEE</b>  |              |   |            | =   | \$ 450.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 1 x \$40.00 per property   |              |   |            | \$  | \$40.00   |
| <b>TOTAL FEES ENCLOSED</b>   |              |   |            | =   | \$ 490.00 |
|  |              |   |            | <b>Amount to be refunded:</b>                                       |           |
|  |              |   |            | <b>charged:</b>   |           |
| a. <input type="checkbox"/> A check in the amount of \$                      to cover the above fees is enclosed.<br>b. <input checked="" type="checkbox"/> This is an estimate of the fees due. Please charge Deposit Account<br>No. 50-3013 to cover the required fees. A copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit<br>Account No. 50-3013. A copy of this sheet is enclosed.  |              |   |            |   |           |
| <b>Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be<br/>         filed and granted to restore the International Application to pending status.</b>  |              |   |            |   |           |
| 22. <input type="checkbox"/> Other instructions  |              |   |            |   |           |
| 23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to                      JONES DAY                      20583  |              |   |            |   |           |
| 24. <input type="checkbox"/> All telephone inquiries should be made to   |              |   |            |   |           |
| For: Brian M. Rothery  |              |  |            | 35,340  |           |
| By: Michael Fainberg   |              |   |            | 50,441  |           |
| NAME   |              | SIGNATURE   |            | REG. NO.  |           |
|  |              |   |            | April 11, 2005  |           |
|  |              |   |            | DATE  |           |